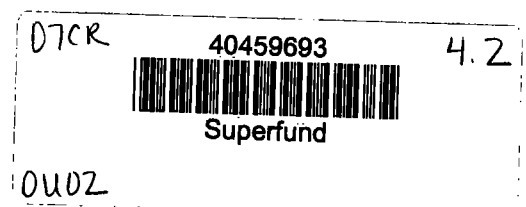
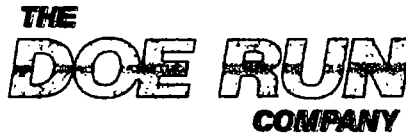


Gunter, Jason

From: Nations, Mark <mnations@doerun.com>
Sent: Tuesday, May 13, 2014 2:30 PM
To: Gunter, Jason
Cc: Yingling, Mark; Wohl, Matthew; robert.hinkson@dnr.mo.gov; brandon.wiles@dnr.mo.gov; Ty Morris (TMorris@barr.com); Cummings, Mark; Hedrick, Samantha K.; Sanders, Amy B.; Bodnar, Gen
Subject: Leadwood Progress Report
Attachments: LW_04-14[1].doc

Jason, attached is the April 2014 report.
Mark





Remediation Group

Mark Nations
Mining Properties Manager
mnations@doerun.com

May 12, 2014

Mr. Jason Gunter
Remedial Project Manager
U.S. Environmental Protection Agency
Region 7 - Superfund Branch
11201 Renner Blvd.
Lenexa, KS 66219

Re: The Doe Run Company - Leadwood Mine Tailings Site Monthly Progress Report

Dear Mr. Gunter:

As required by Article VI, Section 50 of the Unilateral Administrative Order (Docket No. CERCLA-07-2006-0272) for the referenced project and on behalf of The Doe Run Company, the progress report for the period April 1, 2014 through April 30, 2014 is enclosed. If you have any questions or comments, please call me at 573-518-0800.

Sincerely,

Mark Nations
Mining Properties Manager

Enclosures

- c: Mark Yingling – TDRC (electronic only)
- Matt Wohl – TDRC (electronic only)
- Robert Hinkson – MDNR
- Brandon Wiles – MDNR
- Ty Morris – Barr Engineering

Leadwood Mine Tailings Site
Leadwood, Missouri
Removal Action - Monthly Progress Report
Period: April 1, 2014 – April 30, 2014

1. Actions Performed or Completed This Period:

- a. Work began on the development of the Post Removal Site Control Plan.

2. Data and Results Received This Period:

- a. During this period, water samples were collected from downstream of Leadwood Dam and the East Seep and Erosion Area, as well as from upstream and downstream of the confluence of Eaton Creek with Big River. The analytical results for this event are included with this progress report.
- b. During this period, the Ambient Air Monitoring Reports for Fourth Quarter 2013 and January 2014 were completed. Any issues identified in these reports are discussed below. A copy of these documents has been sent to your attention. These will be the last Ambient Air Monitoring Reports you will be receiving from Barr. All future Ambient Air Monitoring Reports will be coming from Doe Run.

The Fourth Quarter 2013 Ambient Air Monitoring Report noted the following:

- The action levels for lead and dust were not exceeded.
- No sample was taken on the Big River #4 TSP monitor on 10/04/13 due to the run time of the monitor being outside of the acceptable limits. This issue has been addressed.
- No sample was taken on the Leadwood #3 (School) TSP monitor on 10/04/13 due to unknown reasons. Follow-up inspections of the monitor indicated that the monitor is working properly.
- No sample was taken on the Big River #4 TSP monitor on 10/16/13 due to unknown reasons. Follow-up inspections of the monitor indicated that the monitor is working properly.
- No sample was taken on the Big River #4 TSP monitor on 10/29/13 due to an electrical failure. Upon discovery, this issue was addressed.
- No sample was taken on the Big River #4 TSP monitor on 10/30/13 due to a mechanical failure. Upon discovery, this issue was addressed.
- No sample was taken on the Leadwood #1 (Wortham Road) TSP monitor on 11/04/13 and 11/05/13 due to the run time of the monitor being outside of the acceptable limits. This issue has been addressed.
- No sample was taken on the Leadwood #1 (Wortham Road) TSP monitor on 11/12/13 and 11/15/13 due to the run time of the monitor being outside of the acceptable limits. This issue has been addressed.
- There was a QA blank filter for the Big River #4 QA TSP monitor on 11/19/13.
- No sample was taken on the Leadwood #2 (Office) TSP monitor on 11/22/13 due to an issue with the timer. Upon discovery, this issue was corrected.
- No samples were taken with the TSP monitors on 11/27/13, 11/28/13, or 11/29/13 due to the holiday.
- No samples were taken with the PM₁₀ monitors on 11/30/13 due to the holiday.
- No sample was taken on the Big River #4 TSP monitor on 12/03/13 and 12/04/13 due to the run time of the monitor being outside of the acceptable limits. This issue has been addressed.
- No sample was taken on the Leadwood #2 (office) TSP monitor on 12/19/13, 12/20/13, and 12/30/13 due to the run time of the monitor being outside of the acceptable limits. This issue has been addressed.

- No samples were taken with the TSP monitors on 12/24/13, 12/25/13, or 12/31/13 due to the holiday.

The January 2014 Ambient Air Monitoring Report noted the following:

- The action levels for lead and dust were not exceeded.
- No samples were taken with the TSP monitors on 01/01/14 due to the holiday.
- No sample was taken on the Big River #4 QA PM₁₀ monitor on 01/05/14 and 01/11/14 due to the run time of the monitor being outside of the acceptable limits. This issue has been addressed.
- No sample was taken on the Leadwood #2 (office) TSP monitor on 01/10/14 and 01/13/14 due to the run time of the monitor being outside of the acceptable limits. This issue has been addressed.
- No sample was taken on the Leadwood #1 (Wortham Road) TSP monitor on 01/30/14 due to a power outage.

3. Scheduled Activities not Completed This Period:

- a. None.

4. Planned Activities for Next Period:

- a. Finalize and submit the Post Removal Site Control Plan.
- b. Continue to work on a long-term surface water management plan for the site.
- c. Complete monthly water sampling activities as described in the Removal Action Work Plan.
- d. Complete air monitoring activities as described in the Removal Action Work Plan.

5. Changes in Personnel:

- a. None.

6. Issues or Problems Arising This Period:

- a. None.

7. Resolution of Issues or Problems Arising This Period:

- a. None.
